846 Inventory Inquiry/Advice

Functional Group=IB

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Federal Note:

1. Organizations use this transaction set to request and/or report asset status and inventory balance information.

2. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. DLSS functionality allows for Service/Agency data in various record positions (rp). Data conveyed therein will require Service/Agency identification to DLMSO and incorporation into the DLMS. This transaction encompasses functionality of MILSTRAP Document Identifier (DI) Codes DZA, DZE, and DZF. This transaction also accommodates the functionality of Army DI Code BSS for intra-Army use.

2. Use a single occurrence of this transaction set to exchange transactions with a single or multiple organizations.

3. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at http://www.dla.mil/j-6/dlmso.

4. This DLMS Supplement contains:
a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

e. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent to, modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

f. Data required to accommodate Component-unique transaction requirements (e.g., B-series transactions).

5. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the Unique Identification (UID) web at URL: http://www.acq.osd.mil/dpap/sitemap.html for DoD policy and business rules.

6. This revision to the DLMS Supplement (DS) incorporates Approved DLMS Changes (ADCs) listed. ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- PDC 327, Administrative Update to DLMS Chapter for Asset Status Reporting and Migrate Army Single Stock Fund (SSF) Asset Balance Reporting Transaction, Document Identifier (DI) Code BSS, to DLMS 846I, Asset Status, for Intra-Army Use (Supply)

- ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code
- ADC 155, Inclusion of Data Supporting UID of Items in DLMS Supplement 846I, Asset Status Inquiry/ Report
- ADC 250, Revise DLMS Supplement (DS) 846I and MILSTRAP DZA Asset Status Transactions to Support Army Distribution Operations, and revise DS 846I for Use of Universal Time Coordinate and for Administrative Updates

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 040	CUR	Currency	O	1			Not Used
* 050	DTM	Date/Time Reference	O	10			Not Used
* 060	REF	Reference Identification	O	12			Not Used
* 070	PER	Administrative Communications Contact	O	3			Not Used
* 075	MEA	Measurements	O	20			Not Used
LOOP ID - N1					**5**		
080	N1	Name	O	1			Used
* 090	N2	Additional Name Information	O	2			Not Used
* 100	N3	Address Information	O	2			Not Used
* 110	N4	Geographic Location	O	1			Not Used
* 120	REF	Reference Identification	O	12			Not Used
* 130	PER	Administrative Communications Contact	O	3			Not Used
* LOOP ID - LM					**10**		
* 140	LM	Code Source Information	O	1			Not Used
* 150	LQ	Industry Code	M	100			Not Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**10000**		
010	LIN	Item Identification	M	1			Must use
* 030	PID	Product/Item Description	O	200			Not Used
* 040	MEA	Measurements	O	40			Not Used
* 050	PKG	Marking, Packaging, Loading	O	25			Not Used
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			Not Used
* 120	CUR	Currency	O	1			Not Used
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 220	SDQ	Destination Quantity	O	500			Not Used
* 230	MAN	Marks and Numbers	O	1			Not Used
* 235	UIT	Unit Detail	O	5			Not Used
* 240	CS	Contract Summary	O	1			Not Used
250	DD	Demand Detail	O	>1			Used
* 255	G53	Maintenance Type	O	1			Not Used
* 256	PCT	Percent Amounts	O	>1			Not Used
* 257	LDT	Lead Time	O	12			Not Used
LOOP ID - LM					**10**		
260	LM	Code Source Information	O	1			Used
270	LQ	Industry Code	M	100			Must use
* LOOP ID - SLN					**1000**		
* 280	SLN	Subline Item Detail	O	1			Not Used
* 290	PID	Product/Item Description	O	200			Not Used
* 300	MEA	Measurements	O	40			Not Used
* 310	PKG	Marking, Packaging, Loading	O	25			Not Used
* LOOP ID - MAN					**100**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 312	MAN	Marks and Numbers	O	1			Not Used
* 314	MEA	Measurements	O	40			Not Used
LOOP ID - QTY					**99**		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			Not Used
* 340	MEA	Measurements	O	25			Not Used
* 350	LDT	Lead Time	O	12			Not Used
* 355	DTM	Date/Time Reference	O	10			Not Used
* LOOP ID - SCH					**25**		
* 360	SCH	Line Item Schedule	O	1			Not Used
* 370	MEA	Measurements	O	25			Not Used
LOOP ID - LM					**>1**		
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use
LOOP ID - LS					**1**		
380	LS	Loop Header	O	1			Used
LOOP ID - REF					**>1**	**N2/390L**	
390	REF	Reference Identification	O	1		N2/390	Used
400	DTM	Date/Time Reference	O	>1			Used
410	N1	Name	O	1			Used
* LOOP ID - LM					**10**		
* 420	LM	Code Source Information	O	1			Not Used
* 430	LQ	Industry Code	M	100			Not Used
440	LE	Loop Trailer	M	1			Used
LOOP ID - N1					**200**		
450	N1	Name	O	1			Used
* 460	N2	Additional Name Information	O	2			Not Used
* 470	N3	Address Information	O	2			Not Used
* 480	N4	Geographic Location	O	1			Not Used
* 490	REF	Reference Identification	O	12			Not Used
* 500	PER	Administrative Communications Contact	O	3			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 010	CTT	Transaction Totals	O	1		N3/010	Not Used
020	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/390L　　The REF loop conveys serial number, lot number, and inventory data.

2/390　　The REF loop conveys serial number, lot number, and inventory data.

3/010　　Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

ST Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code Name

846   Inventory Inquiry/Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Federal Note: *A unique number assigned by the originator of the*

transaction set, or the originator's application program.

BIA	Beginning Segment for Inventory Inquiry/Advice	Pos: 020	Max: 1
		Heading - Mandatory	
		Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code	Name
00	Original
77	Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA02	755	**Report Type Code**	M	ID	2/2	Must use	1

Description: Code indicating the title or contents of a document, report or supporting item

Code	Name
TI	Asset Status Inquiry

DLMS Note:

Use to identify a Request for Asset Status Report transaction. (MILSTRAP DI Code DZE functionality)

Code	Name
TJ	Asset Status Advice

DLMS Note:

Use to identify an Asset Status Report transaction. (MILSTRAP DI Code DZA and DZF functionality).

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA03	127	**Reference Identification**	M	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Federal Note: *Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

Federal Note: *Use to indicate the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).*

DLMS Note: *DLMS enhancement. See introductory DLMS note 4a.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA05	337	**Time**	O	TM	4/8	Used	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Federal Note: *1. Express the originating activity's time of transaction set preparation in UTC.*

2. Express time in a four-position (HHMM) format.

DLMS Note: *DLMS enhancement. See introductory DLMS note 4a.*

N1	Name	Pos: 080	Max: 1
		Heading - Optional	
		Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 1/N1/080 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *1. Use only one of codes SB or Z4.*

2. For DLMS use, only the following codes are authorized.

Code	Name
SB	Storage Area

DLMS Note:

Use to indicate a depot or storage activity.

Z4	Owning Inventory Control Point

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

10	Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

M4	Department of Defense Routing Identifier Code (RIC)

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

		Code	**Name**					

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code **Name**

FR Message From

Federal Note:

Must use in conjunction with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

DLMS Note:

For Army/DLA DDKS interface in a mixed DLSS/DLMS environment, based upon agreement, the DLA storage activity may prepare the 846I on behalf of the DLA ICP, with the DLA ICP RI Code SMS entered as the 'Message From' activity originating the transaction.

This is an interim DDKS approach in the mixed DLMS/DLSS environment to accommodate Army's requirement for the owning ICP to map to the DLSS DI Code DZA rp 67-69, which is identified as the RI Code of the ICP preparing the transaction. As Army transitions to DLMS, the 1/N106/080 FR should reflect the true activity preparing the transaction set, and the appropriate qualifier for storage activity or ICP preparing the transaction should be used. The information on the owning ICP or storage activity, when not the activity originating the transaction set, should appear in 2/N101/450. See ADC 250.

Any future DLA Distribution Standard System (DSS) implementation should consider the alternative approach documented in ADC 250.

LIN   Item Identification

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: LIN</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:

Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with asset status reporting.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Federal Note: *Use any code.*

DLMS Note: *1. Use only one of A1, A2, A4, FB, FS, MG, or YP to identify the item reported. Must use National Stock Number (NSN) when known except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.*

2. For DLMS use, only the following codes are authorized.

Code	Name
A1	Plant Equipment Number

DLMS Note:

1. Use to identify plant equipment.

Code	Name
	2. DLMS enhancement. See introductory DLMS note 4a.
A2	Department of Defense Identification Code (DoDIC)

DLMS Note:

1. Use to identify ammunition items.

2. DLMS enhancement. See introductory DLMS note 4a.

A4	Subsistence Identification Number

DLMS Note:

1. Use to identify subsistence items.

2. DLMS enhancement. See introductory DLMS note 4a.

F4	Series Identifier

DLMS Note:

1. Use to identify the manufacturer's series number of the end item.

2. DLMS enhancement. See introductory DLMS note 4a.

FB	Form Number

DLMS Note:

1. Use to identify the form stock number.

2. DLMS enhancement. See introductory DLMS note 4a.

FS	National Stock Number
MG	Manufacturer's Part Number

DLMS Note:

Use to identify nonstandard material.

MN	Model Number

DLMS Note:

1. Use to identify the manufacturer's model number of the end item.

2. DLMS enhancement. See introductory DLMS note 4a.

SN	Serial Number

DLMS Note:

1. Use to identify the manufacturer's serial number of the end item.

2. DLMS enhancement. See introductory DLMS note 4a.

YP	Publication Number

DLMS Note:

1. Use to identify the publication stock number.

2. DLMS enhancement. See introductory DLMS note 4a.

LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
ZB	Commercial and Government Entity (CAGE) Code

DLMS Note:

Use only with LIN02 code MG to uniquely identify a manufacturer's part number.

LIN05	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**	**Rep**

DTM Date/Time Reference

Pos: 100	**Max: 10**
Detail - Optional	
Loop: LIN	**Elements: 4**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Federal Note:

Must use 2/DTM/100 to identify dates associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
036	Expiration

DLMS Note:

For subsistence items, use for asset status reports only to identify the expiration date of the reported material.

090	Report Start

DLMS Note:

Use in asset status inquiries to identify the start date for inventory reporting.

091	Report End

DLMS Note:

Use in asset status inquiries to identify the stop date for inventory reporting.

106	Required By

DLMS Note:

Use in asset status inquiries to identify the date by which a one-time asset status report is required.

510	Date Packed

DLMS Note:

For subsistence items, use for asset status reports to identify the date packed of the reported material.

600	As Of

DLMS Note:

1. Use for asset status reports to identify the date associated with the inventory information (date transaction was prepared). Express this date in Universal Time Coordinate.

2. Used between the Army and DLA to determine the most current asset posture for assets stored under DLA/SMS ownership when more than one asset report is received within the same cycle.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM03	337	**Time**	X	TM	4/8	Used	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H =

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
		DLMS Note: *1. Use in conjunction with DTM01 code 600 only to identify the time the transaction was prepared.* *2. Express time in a six-position (HHMMSS) format in UTC.* *3. DLMS enhancement. See introductory DLMS note 4.a.* *4. Used between the Army and DLA to determine the most current asset posture for assets stored under DLA/SMS ownership when more than one asset report is received within the same cycle.*					
DTM04	623	**Time Code**	O	ID	2/2	Used	1
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow					

Code Name

UT   Universal Time Coordinate

REF   Reference Identification

Pos: 140	**Max: >1**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: *Use any code*

DLMS Note: *For DLMS use, only the following code is authorized,*

Code	Name
TN	Transaction Reference Number

DLMS Note:

Use to identify the transaction number. Authorized DLMS migration enhancement. See DLMS introductory note 4e.

W8	Suffix

DLMS Note:

Used in a mixed DLMS/ DLSS environment for asset status reports to accommodate conversion to DLSS when quantities exceed allowable DLSS positions. Equates to MILSTRAP DI Code DZA record position 7. Enter A through Z (except I and O). Future streamlined data which will be eliminated in a full DLMS environment when the expanded quantity field size is used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

DD Demand Detail

<table>
<tr><td>Pos: 250</td><td>Max: >1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LIN</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To describe the type of demand and the intended use of material

Syntax Rules:

1. C0201 - If DD02 is present, then DD01 is required.
2. P030405 - If either DD03, DD04 or DD05 are present, then the others are required.
3. C0605 - If DD06 is present, then DD05 is required.
4. C1009 - If DD10 is present, then DD09 is required.

Semantics:

1. DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

Federal Note:

Use only when reporting information below the wholesale distribution system.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DD08	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used	1

Description: Code indicating a Yes or No condition or response

Code	Name
N	No

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

Y	Yes

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

LM Code Source Information

Pos: 260	**Max: 1**
Detail - Optional	
Loop: LM	**Elements: 1**

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ Industry Code

Pos: 270	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
0	Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

2. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 4d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 4a.

4. Under full DLMS, the requirement to pass activity address information within the supplemental data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 4c.

AJ	Utilization Code

DLMS Note:

1. Under DLSS, this is the first position of the document serial number.

2. DLMS enhancement; see introductory DLMS note 4a.

EA	Asset Status or Transaction Reporting Code

DLMS Note:

Use to identify the type of asset status report required.

GQ	Group Qualifier Code

Federal Note:

Use to identify the Material Management Aggregation Code (MMAC).

DLMS Note:

Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to

Code	Name
	the Air Force only. Non-Air Force Components perpetuate without action.
	A data maintenance action was approved in version 5010. The approved code/name is "MAC –Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.
COG	Cognizance Symbol

DLMS Note:

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC	Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC	Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI	Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item.This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

Description: Code indicating a code from a specific industry code list

QTY   Quantity

<table>
<tr><td>Pos: 320</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: QTY</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

DLMS Note:

Use multiple iterations of the 2/QTY/320 loop, as needed, in asset status reports only to stratify inventory values and Unique Item Tracking (UIT) information by material classification.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code Name

17   Quantity on Hand

> **DLMS Note:**
>
> *Use to identify the on hand quantity.*

60   Total Authorized Quantity

> **DLMS Note:**
>
> *DLMS enhancement. See introductory DLMS note 4a.*

BA   Due-In

> **DLMS Note:**
>
> *Use to identify the total quantity reflected as due-in on inventory records.*

BQ   Backorder Quantity

> **DLMS Note:**
>
> *Use to identify the total quantity reflected as back ordered on inventory records.*

RY   Requirement Quantity

> **DLMS Note:**
>
> *1. DLMS enhancement. See introductory DLMS note 4a.*
>
> *2. For intra-Army use, Army uses to identify the Requirements Objective quantity established by purpose code. This equates to Army prescribed data in MILSTRAP DZA multiuse field, rp 43-48, and intra-Army DI Code BSS, rp 43-48.*
>
> *3. Also used between Army and DLA. If none, or agreement does not require data, then zero fill.*

V1   Retention Quantity

> **DLMS Note:**
>
> *1. Use to identify the retention level.*
>
> *2. DLMS enhancement. See introductory DLMS note 4a.*
>
> *3. Authorized for intra-Army use, see DLMS introductory note 4f. Army uses on an intra-Army basis from the single stock fund (SSF) to the National level systems, to update retention level quantity. (Army DI Code BSS, rp 49-54.) See PDC 327.*

Code Name

XJ   Other War Reserve Material Requirements Protectable (OWRMRP) Quantity

> **DLMS Note:**
>
> *1. Use to identify the quantity intended to provide the interim support essential to sustain operations until resupply can be effected.*
>
> *2. DLMS enhancement. See introductory DLMS note 4a.*

XU   Reserved

> **DLMS Note:**
>
> *Use to identify the total quantity reflected as reserved for special projects or programs on inventory records.*

XV   Requisitioning Objective

XY   Safety Level

> **DLMS Note:**
>
> *1. DLMS enhancement. See introductory DLMS note 4a.*
>
> *2. Army uses to identify the safety level requirement. This equates to Army prescribed data in MILSTRAP DZA multiuse field, rp 49-54.*
>
> *3. Also used between Army and DLA. If none, or agreement does not require data, then zero fill.*
>
> *4. Authorized for intra-Army use, see DLMS introductory note 4f. The Army losing item manager (LIM) uses during a Logistics Reassignment outside the Army to inform the Army manager for Non-Army Managed Items (NAMI) of the safety level to be set in their systems to be able to monitor and maintain the single stock fund (SSF) stocking levels. (Army DI Code BSS, rp 49-54) See PDC 327.*

YA   Total Demand Quantity

> **DLMS Note:**
>
> *DLMS enhancement. See introductory DLMS note 4a.*

YB   Total Demand Orders

YW   Reorder Point Quantity

> **DLMS Note:**
>
> *1. DLMS enhancement. See introductory DLMS note 4a.*
>
> *2. For intra-Army use only, Army uses to identify the Reorder Point Quantity at a Single Stock Fund site to the National Level. (Army DI Code BSS, rp 37-41) See PDC 327.*

QTY02	380	**Quantity**	X	R	1/15	Used	1

Description: Numeric value of quantity

Federal Note: *Express as a whole number with no decimals.*

DLMS Note: *A field size exceeding 6 positions for QTY01 qualifiers 17, BA, XU, XV, and XY (eight positions for FSG 13 ammunition); and 5 positions for QTY01 qualifier BQ (seven positions for FSG 13) , may not be received or understood by recipients automated processing system. See introductory DLMS note 4d.*

QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS Note: *DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		All valid standard codes are used.					
QTY03-04	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code Name

C5   Cost

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03-05	1018	**Exponent**	O	R	1/15	Used	1

Description: Power to which a unit is raised

Federal Note: *When C00104 is Code C5, use to convey Unit Price.*

LM Code Source Information

<table>
<tr><td>Pos: 375</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use the 2/LM/375 loop for asset status reports only to identify Agency unique coded data related to the characteristics and coding requirements for the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 376	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used.*

2. For DLMS use, only the following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 4a.)

Code	Name
78	Project Code

   DLMS Note:

   1. DLMS enhancement. See introductory DLMS note 4a.

   2. For intra-Army use only, Army uses to identify the project code associated with Logistics Reassignment actions and for reporting from Single Stock Fund sites to the National level. (Army DI Code BSS, rp 55-57.) See PDC 327.

83	Supply Condition Code
87	Subsistence Type of Pack Code

   DLMS Note:

   1. Use only for subsistence items to identify subsistence type of pack information.

   2. DLMS enhancement. See introductory DLMS note 4a.

99	Purpose Code
A1	Ownership Code
A9	Supplemental Data

   DLMS Note:

   1. Use to identify supplemental address/data.

   2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 4d.

   3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 4a.

   4. Under full DLMS, the requirement to pass activity address information within the supplemental data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 4c.

AJ	Utilization Code

   DLMS Note:

Code	Name

1. Under DLSS, this is the first position of the document serial number.

2. DLMS enhancement; see introductory DLMS note 4a.

GQ Group Qualifier Code

Federal Note:

Use to identify the Material Management Aggregation Code (MMAC).

DLMS Note:

Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.

A data maintenance action was approved in version 5010. The approved code/name is "MAC –Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

SH Source of Lead Code

DLMS Note:

1. For intra-Army use only. This is the Army Stockage List Code. See introductory DLMS note 4f. Use of this data is meaningful to Army only and equates to intra-Army DI Code BSS, rp 78. The code source for Stockage List Code is Army Regulation 710-2, Supply Policy Below the National Level.

2. At this time a local code 'SLC' is established for use in 846I, version 4010. An ANSI data maintenance request has been prepared to establish a new data element 1270 qualifier assignment for 'SLC-Stockage List Code.' Once approved, 'SLC' use in 846I version 4010 will be identified as a 'migration code'.

COG Cognizance Symbol

DLMS Note:

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

Description: Code indicating a code from a specific industry code list

LS Loop Header

<table>
<tr><td>Pos: 380</td><td style="text-align:right">Max: 1</td></tr>
<tr><td colspan="2" style="text-align:center">Detail - Optional</td></tr>
<tr><td>Loop: LS</td><td style="text-align:right">Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LS and LE segments.

Federal Note:

Use in each 2/QTY/320 loop to prevent a syntax error in the use of the 2/REF/390 loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LS01	447	**Loop Identifier Code**	M	AN	1/6	Must use	1

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Federal Note: *Cite REF to indicate the 2/REF/390 loop.*

REF   Reference Identification

Pos: 390	**Max: 1**
Detail - Optional	
Loop: REF	**Elements: 4**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Use the 2/REF/390 loop to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).

DLMS Note:

1. Must use 2/REF/390 loop in Asset Status Inquiry/Report transactions when the item identified is subject to UIT requirements.

2. This transaction will support item identification based upon the unique item identifier (UII) or the serial number, and provides flexibility to accommodate tracking by UII or serial number.

3. This transaction also provides for use of a batch/lot number when applicable.

4. The 2/REF/390 loop is repeated for each item to be uniquely identified.

5. If UII and serial number, and/or batch/lot number are required for the item, enter the UII in REF01, and enter the serial number and/or batch/lot number in REF04. If UII is not used, enter the serial number in REF01 and enter the batch/lot number in REF04. If only batch/lot number is required, enter the batch/lot number in REF01.

7. The entire 2/REF/390 loop is a DLMS enhancement. See introductory DLMS note 4a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code Name

BT   Batch Number

> **DLMS Note:**
>
> *1. Use to identify the manufacturer's batch/lot number or other number identifying the production run when UII and/or serial number are not required. If UII and/or serial number are required in addition to the batch/lot number, enter the batch/lot number in REF04. The batch/lot number may not exceed 20 characters in accordance with IUID policy.*
>
> *2. DLMS enhancement. See introductory DLMS note 4a.*

SE   Serial Number

> **DLMS Note:**
>
> *1. Use to identify the serial number when UII is not required. If UII is required in addition to the serial number, enter serial number in REF04.*
>
> *2. DLMS enhancement. See introductory DLMS note 4a.*

U3   Unique Supplier Identification Number (USIN)

> **DLMS Note:**
>
> *1. Use to identify the UII Place UII value in REF03. The UII may not exceed 50 characters in accordance with IUID Policy. An ANSI data maintenance was approved in version 5020. The approved code/name is "UII-Department of Defense Unique Item Identifier".*

		Code Name					
		2. Authorized DLMS migration enhancement. See DLMS introductory note 4e.					
REF02	127	**Reference Identification**	X	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		DLMS Note: *For use with REF01 codes BT and SE.*					
REF03	352	**Description**	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					
		DLMS Note: *Use to indicate UII value when REF01=U3.*					
REF04	C040	**Reference Identifier**	O	Comp		Used	1
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier					
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		Federal Note: *Use any code.*					
		DLMS Note: *For DLMS use only the following codes are authorized*					

    Code Name

BT   Batch Number

    DLMS Note:

    Use to identify the manufacturer's batch/lot number or other number identifying the production run when UII and/or serial number are not required. If UII or serial number is entered in REF01, and batch/lot is the only other identifying number. The batch/lot number may not exceed 20 characters in accordance with IUID policy.

SE   Serial Number

    DLMS Note:

    Use to identify the serial number when UII is entered in REF01 and serial number is also used.

REF04-02	127	**Reference Identification**	M	AN	1/30	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
REF04-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					
		Federal Note: *Use any code.*					
		DLMS Note: *For DLMS use only the following codes are authorized.*					

    Code Name

BT   Batch Number

    DLMS Note:

    Use to identify the manufacturer's batch/lot number or other number identifying the production run when UII is entered in REF01 and serial number is entered in REF04-01. The batch/lot number may not

Code	Name					
	exceed 20 characters in accordance with IUID policy.					

REF04-04	127	**Reference Identification**	X	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

DTM   Date/Time Reference

<table>
<tr><td>Pos: 400</td><td>Max: >1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: REF</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Federal Note:

Use multiple repetitions to identify dates related to UIT.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
094	Manufacture

DLMS Note:

1. Use to identify the date of manufacture for the material reported.

2. DLMS enhancement. See introductory DLMS note 4a.

Code	Name
512	Warranty Expiration

DLMS Note:

1. Use to identify the warranty expiration date associated with the material reported.

2. DLMS enhancement. See introductory DLMS note 4a.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

N1   Name

<div style="text-align:right">

Pos: 410   **Max: 1**
Detail - Optional
Loop: REF   **Elements: 3**

</div>

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

DLMS Note:

Use to identify the manufacturer of the UIT item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	**Name**
MF	Manufacturer of Goods

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	**Name**
33	Commercial and Government Entity (CAGE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

LE   Loop Trailer

Pos: 440	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

User Option (Usage): Used

Purpose: To indicate that the loop immediately preceding this segment is complete

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LE and LS segments.

Federal Note:

Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iteration.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LE01	447	**Loop Identifier Code**	M	AN	1/6	Must use	1

           Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

           Federal Note: *Repeat the content of 2/LS/380.*

N1 Name

<div>

Pos: 450   **Max: 1**

Detail - Optional

Loop: N1   **Elements: 4**

</div>

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 2/N1/450 loop to identify the organization to receive the transaction. Use multiple iterations of the 2/N1/450 loop to identify all transaction recipients.

DLMS Note:

Use to identify the storage location

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *1. Use only one of codes SB or Z4.*

2. For DLMS use, only the following codes are authorized.

Code	Name
KA	Item Manager

DLMS Note:

Use for asset status reports to identify the owning ICP when different from the 1/N101/080 organization originating the transaction set, and the 2/N101/450/Z4 organization is not the owning ICP.

Code	Name
LG	Location of Goods

DLMS Note:

Use for asset status reports to identify the asset storage organization when different from the organization originating the transaction set.

Code	Name
PK	Party to Receive Copy
SB	Storage Area

DLMS Note:

Use to indicate a depot or storage activity.

Code	Name
Z4	Owning Inventory Control Point

DLMS Note:

1. Use to indicate the owning inventory control point to which the transaction is being forwarded.

2. Also used to identify the ICP to which the transaction is being forwarded when that activity is not the owning ICP. When the activity is not the owning ICP, then qualifier KA must also be used to identify the owning ICP,

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Description: Code designating the system/method of code structure used for Identification Code (67)					

Code Name

1   D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

10   Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement. See introductory DLMS note 4a.

M4   Department of Defense Routing Identifier Code (RIC)

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

TO   Message To

Federal Note:

Must use with 2/N101/450 codes SB or Z4 to indicate the organization cited in N104 is to receive the transaction.

SE   Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: *Cite the same number as the one cited in ST02.*					